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Dated: 11/14/03

Signature:

*Natalia Platonova*  
(Natalia Platonova)

11-14-03  
Docket No.: DNAG-256  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Patent Application of:  
Hans-Jurgen Schreiner et al.

Application No.: 10/615,603

Group Art Unit: to be assigned

Filed: July 8, 2003

Examiner: to be assigned

For: INSULATION FOR PIEZOCERAMIC  
MULTILAYER ACTORS

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Copies of all referenced documents are enclosed.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is

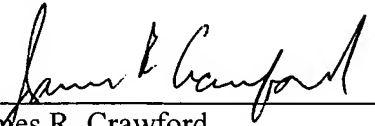
Application No.: 10/615,603

in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The applicants believe that there no fee due in relation to this filing.

Dated: November 14, 2003

Respectfully submitted,

By 

James R. Crawford

Registration No.: 39,155

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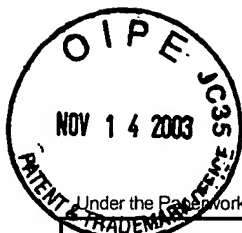
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/615,603
				Filing Date	July 8, 2003
				First Named Inventor	Hans-Jurgen Schreiner
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	1	of		Attorney Docket Number	DNAG-256

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		4,845,399	07-04-1989	Nippon Soken, Inc.	
		5,281,885	01-25-1994	Hitachi Metals, Ltd.	
		5,406,164	04-11-1995	Brother Kogyo Kabushiki Kaisha	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		DE 10021919 C2	03-07-2002	PI CERAMIC GMBH		
		DE 4036287 A1	05-23-1991	HITACHI METALS, LTD.		
		DE 3330538 A1	03-14-1985	SIEMENS AG		
		DE 19840488 A1	03-11-1999	Ceram Tec AG Innovative Ceramic Engineering		
		JP 7-226541	08-22-1995	BROTHER KOGYO KABUSHIKI KAISHA		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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Examiner Signature		Date Considered	
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